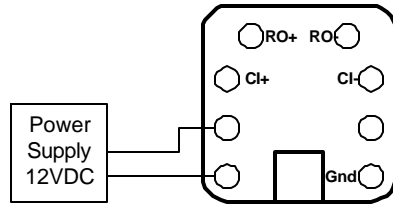
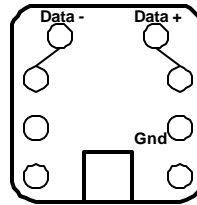


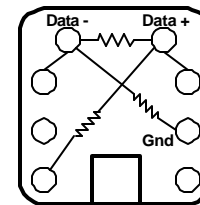
V1400X-DVC  
(Keypad Mode)



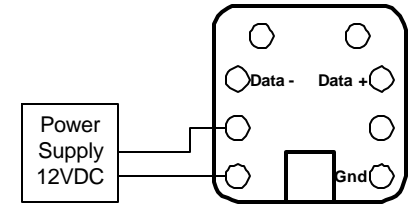
V1411X-DVC  
(Keypad Mode)



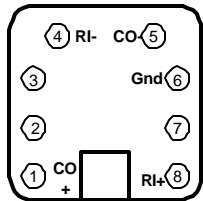
AurorA2000  
(AurorANet Mode)  
Non-Terminating  
Serial Port 1



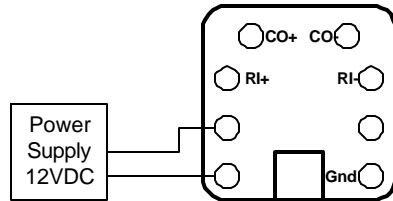
AurorA2000  
(AurorANet Mode)  
Terminating  
Serial Port 1



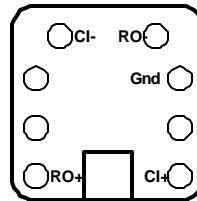
A2K-KBD



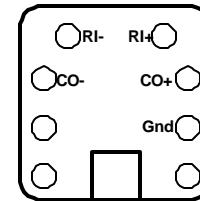
V1400X-DVC  
(Standalone Mode)



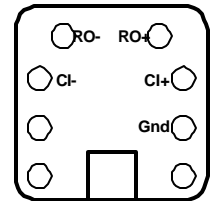
V1411X-DVC  
(Standalone Mode)



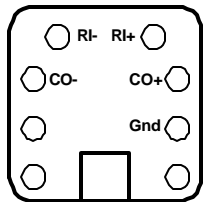
Surveyor2000



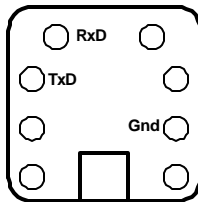
AurorA2000  
(Receiver Mode -  
Serial Port 2)



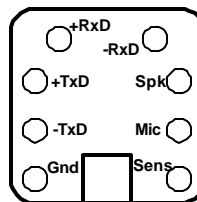
V422-VI



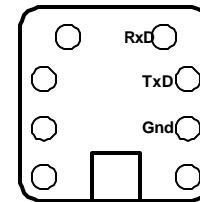
V1500CDU-Ser  
Keypad or Receiver



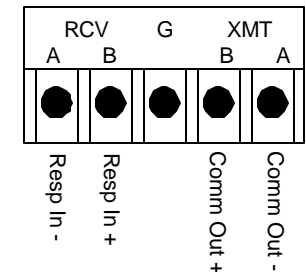
V1500CDU-Ser  
Host RS232



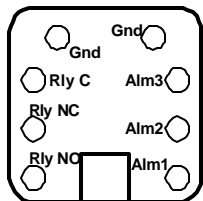
Kollektor Elite



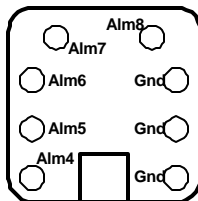
AurorA2000  
(RS232 -  
Serial Port 1)



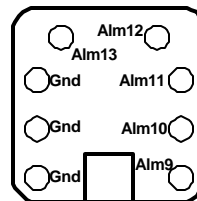
IC-473A-F  
Converter



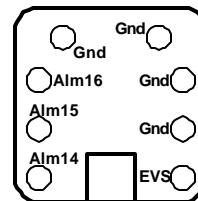
VSW-16 Module 2



VSW-16 Module 3



VSW-16 Module 4



VSW-16 Module 5

### TECH TIP

VICON TECHNICAL SERVICES GROUP

Subject: Termination Boxes  
& Interconnections

Product: Multiple

Number: 1400-0001-36-03

Sht 1 of 2

Date: 11-16-04

Matrix J3 - Keypad  
or J4 - Receiver Ports

V1300X-SV  
J2 - Keypads or J4 - Receivers

V2830 Fiber Optic Module  
Rack Surface

V730 T or R Fiber Optic  
Module

V732 T or R Fiber Optic  
Module

SVFT-PR

1 - Resp In +  
6 - Resp In -  
7 - Cmd Out +  
3 - Cmd Out -  
2, 8 - Ground

Ch1 Ch2  
1 4  
2 5  
8 11  
7 10  
3, 6, 9, 12

Resp In +  
Resp In -  
Cmd Out -  
Cmd Out +  
Ground

3 J2-3 Data In +  
4 J2-4 Data In -  
5 J2-5 Data Out +  
6 J2-6 Data Out -  
9 J1-2 Ground

8 - NC  
7 - NC  
6 - NC  
5 - RS422 In +  
4 - RS422 In -  
3 - Ground/Shield  
2 - RS422 Out +  
1 - RS422 Out -

8 - Ground  
7 - 100 Ohm Term  
6 - RS422 In +  
5 - RS422 In -  
4 - No Connection  
3 - RS422 Out +  
2 - RS422 Out -  
1 - Ground/Shield

U - Alarm Input 1  
V - Alarm Input 2  
F - VSSA Ground  
W - Alarm Input 3  
H - Alarm Input 4  
G - VSSA Ground  
E - Ground  
L - Lo Pres Input  
M - Lo Pres Out  
B - Relay N/C  
C - VSSA Ground  
R - Relay Common  
S - Relay N/O  
N - 24 VAC  
Y - 24 VAC Neutral  
Z - Ground  
T - Resp Out +  
D - Resp Out -  
A - Comm In +  
P - Comm In -  
J - Video  
K - Video Shield  
X - Not Used

V1400X-IDL  
J11 - CPU

V1400X-IDL  
J1 - J10 - Outputs

V1411  
Keypad Connections

V1411  
Receiver Connections

V1300X-DVC/RVC  
Keypad Mode

V1300X-DVC/RVC  
Standalone Mode

2 - Resp Out -  
3 - Resp Out +  
5 - Cmd In -  
6 - Cmd In +  
1, 4 - Ground

2 - Cmd Out -  
3 - Cmd Out +  
5 - Resp In -  
6 - Resp In +  
1, 4 - Ground

Pin 1 - Cmd Out +  
Pin 2 - Cmd Out -  
Pin 3 - Resp In +  
Pin 4 - Resp In -  
Pin 9 - Ground

Pin 5 - Cmd Out +  
Pin 6 - Cmd Out -  
Pin 7 - Resp In +  
Pin 8 - Resp In -  
Pin 9 - Ground

J1-1 Ground  
J1-2 Cmd In -  
J1-3 Cmd In +  
J1-7 Ground  
J1-8 Resp Out -  
J1-9 Resp Out +

J1-1 Ground  
J1-2 Resp In -  
J1-3 Resp In +  
J1-7 Ground  
J1-8 Cmd Out -  
J1-9 Cmd Out +

V1301R

V1311RB

TB1-1 - Alarm In  
TB1-2 - Gnd  
TB1-3 - Gnd  
TB1-4 - Resp In -  
TB1-5 - Resp In +  
TB1-6 - Gnd  
TB1-7 - Resp Out +  
TB1-8 - Resp Out -  
TB1-9 - Gnd  
TB1-10 - Cmd In +  
TB1-11 - Cmd In -  
TB1-12 - Gnd  
TB1-13 - Cmd Out -  
TB1-14 - Cmd Out +

TB2-1 - Zoom  
TB2-2 - Focus  
TB2-3 - Iris  
TB2-4 - Lens Com  
TB2-5 - Shield  
TB3-1 - Pan Com  
TB3-2 - Tilt Com  
TB3-3 - Gnd  
TB3-4 - Right  
TB3-5 - Left  
TB3-6 - Up  
TB3-7 - Down  
TB3-8 - A/P

TB1-1 - Alarm In  
TB1-2 - Gnd  
TB1-3 - Gnd  
TB1-4 - Resp In -  
TB1-5 - Resp In +  
TB1-6 - Gnd  
TB1-7 - Resp Out +  
TB1-8 - Resp Out -  
TB1-9 - Gnd  
TB1-10 - Cmd In +  
TB1-11 - Cmd In -  
TB1-12 - Gnd  
TB1-13 - Cmd Out -  
TB1-14 - Cmd Out +

TB2-1 - Pan Com  
TB2-2 - Tilt Com  
TB2-3 - Gnd  
TB2-4 - Right  
TB2-5 - Left  
TB2-6 - Up  
TB2-7 - Down  
TB2-8 - A/P  
TB2-9 - Zoom  
TB2-10 - Focus  
TB2-11 - Iris  
TB2-12 - Lens Com  
TB2-13 - Aux Com  
TB2-14 - Aux NO

V1300PAC  
V1400PAC

Matrix Host Port

Computer  
9-Pin 25-Pin

2 - Cmd In -  
3 - Cmd In +  
8 - Resp Out -  
9 - Resp Out +  
1, 7 - Ground

J1-2 - TxD  
J1-3 - RxD  
J1-4 - RTS  
J1-5 - CTS  
J1-7 - Gnd

2 3  
3 2  
8 5  
7 4  
5 7

SVFT

SVFT

AurorA99 (RS422)

AurorA99 (RS232)

TB2-1 - Alarm 1 Input  
TB2-2 - Ground  
TB2-3 - Alarm 2 Input  
TB2-4 - Ground  
TB2-5 - Alarm 3 Input  
TB2-6 - Ground  
TB2-7 - Alarm 4 Input  
TB2-8 - Ground

TB3-1 - Comm In +  
TB3-2 - Comm In -  
TB3-3 - Resp Out +  
TB3-4 - Resp Out -  
TB3-5 - Ground  
TB3-6 - Relay Common  
TB3-7 - Relay N/O  
TB3-8 - Relay N/C

Pin 1 - Resp In +  
Pin 2 - Resp In -  
Pin 5 - Ground  
Pin 8 - Comm Out -  
Pin 9 - Comm Out +

Pin 2 - RxD  
Pin 3 - TxD  
Pin 5 - Ground

## TECH TIP

VICON TECHNICAL SERVICES GROUP

Subject: Termination Boxes  
& Interconnections

Product: Multiple

Number: 1400-0001-36-04  
Sht 2 of 2

Date: 11-16-04